

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 11. (Canceled)

12. (Currently Amended) An AC generator for a vehicle, comprising:

a rotor;

a stator disposed in opposed relation to said rotor;

a frame for supporting said rotor and said stator;

a rectifier fixedly secured to said frame and equipped with a radiating fin

which cools a rectifying element and makes an electrical connection; and

a cooling wind generating device for sucking cooling wind through said rectifier into the rotor side,

wherein said radiating fin comprises:

a fixing portion to which said rectifying element is fixedly secured;

a first sub-fin extending radially from said fixing portion toward an outer-~~an~~ circumferential end portion of said radiating fin observed from a position of said rectifying element; and

a second sub-fin, having an arc-like configuration formed concentrically with the axis of said rectifying element, made to divide an air passage surrounded by said fixing portion, said first sub-fin and the outer circumferential end portion of said radiating fin, and the first sub-fin traverses the air passage and the second sub-fin.

13. (Previously Presented) The generator according to claim 12, wherein at least one side surface forming said air passage is made to be inclined to reduce an opening area along a flow of the cooling wind to be sucked.

14. (Canceled)

15. (Original) The generator according to claim 12, wherein said second sub-fin is located on a more outer diameter side with respect to said fixed position of said rectifying element around said rotary shaft of said rotor.

16. (Original) The generator according to claim 12, wherein a length of said second sub-fin along a direction of a rotary shaft of said rotor is set to be shorter than length of said first sub-fin in the rotary shaft direction, and a cooling wind suction side end portion of said second sub-fin is located on a cooling wind generating device side with respect to a suction side end portion of said first sub-fin.

17. (Original) The generator according to claim 12, wherein said radiating fin includes, as two types of radiating fins, a positive electrode side radiating fin and a negative electrode side radiating fin which are disposed in piles in a direction of a rotary shaft of said rotor, and at least said radiating fin disposed on the upstream side along a flow of the cooling wind has said first and second sub-fins.